

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP COMMITTEE  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number: 15-610

**PROJECT INFORMATION**

**Project Title:** Schoolhouse Allotment Water Restoration, Dirt Tanks

**Region and Game Management Unit:** Region 6, GMU 24B

**Local Habitat Partnership Committee (LHPC):**

- Payson HPC

**Was the project presented to the LHPC?**

**YES**☒ **NO**☐

**Has this project been submitted in previous years?** **YES**☐ **NO**☒

**If Yes, was it funded?** **YES**☐ **NO**☐ → **Funded HPC Project #(s):**

**Project Type:** Stock Tank redevelopment

**Brief Project Summary:**

This project will clean out and seal five existing stock tanks on the Schoolhouse allotment in 24B. Once the tanks are cleaned out and sealed with bentonite they will provide a reliable year round water source for the wildlife in the area.

**Big Game Wildlife Species to Benefit:** Mule Deer (40%) Whitetail Deer (30%) Javelina (30%)

**Implementation Schedule (Month/Day/Year):**

Project Start Date:

October 1, 2015

Project End Date:

January 1, 2018

**Environmental Compliance:**

NEPA Completed: **Yes**☐ **No**☐ **N/A**☒

Projected Completion Date: \_\_\_\_\_

State Historic Preservation Office - Archaeological Clearance:

**Yes**☐ **No**☐ **N/A**☒

Projected Completion Date: \_\_\_\_\_

Arizona Game and Fish Department EA Checklist: **N/A**☒

To be Completed by: \_\_\_\_\_

Projected Completion Date: \_\_\_\_\_

**PROJECT FUNDING**

**Special Big Game License Tag Funds Requested:** \$ 55,000.00

**Cost Share or Matching Funds:** \$ 6,000.00

**Total Project Costs:** \$ 61,000.00

**PARTICIPANT INFORMATION**

**Applicant (please print):**

Kriselle Colvin

**Address:**

7200 E. University

Mesa, AZ 85207

**E-mail:**

kcolvin@azgfd.gov

**Telephone:** 480-981-9400

**Date:** 08/27/2015

**AGFD Contact and Phone No.** (If applicant is not AGFD personnel):

**Project has been coordinated with:**

AZGFD, Tonto National Forest, Black Brush Ranch

### **NEED STATEMENT – PROBLEM ANALYSIS:**

These five preexisting dirt stock tanks are in disrepair, the tanks are silted and/or grown in and leak slowly, as a result, the tanks either do not hold water or do not hold as much water as they should. The tanks need to be cleaned out with heavy machinery and sealed with bentonite so they can better catch and hold water. This will provide reliable water year round for mule deer, whitetail deer, javelina, quail and other wildlife in the area.

### **PROJECT OBJECTIVES:**

- A) Improve water availability year round for mule deer, whitetail deer, javelina, quail and other wildlife on the Schoolhouse Allotment
- B) Provide more diffuse water throughout that habitat to benefit all wildlife
- C) Provide enhanced wildlife habitat for all species through this cooperative project with the Black Brush Ranch

### **PROJECT DESCRIPTION AND STRATEGIES:**

- A) Clean out 5 unnamed stock tanks with heavy equipment
- B) Make any necessary repairs to berms etc.
- C) Use bentonite to seal the stock tanks for better water retention

### **PROJECT LOCATION:**

Schoolhouse Allotment

#### **Tank 1**

Decimal Degrees 33.634013, -111.077840  
Township 3N, Range 12E, Section 1

#### **Tank 2**

Decimal Degrees 33.608982, -111.065022  
Township 3N, Range 13E, Section 7

#### **Tank 3**

Decimal Degrees 33.597524, -111.118397  
Township 3N, Range 12E, Section 15

#### **Tank 4**

Decimal Degrees 33.599399, -111.128628  
Township 3N, Range 12E, Section 16

#### **Tank 5**

Decimal Degrees 33.610011, -111.114005  
Township 3N, Range 12 E, Section 15

### **LAND OWNERSHIP AT THE PROJECT SITE(S):**

(if the project area is private property, please state specifically and provide the landowner's name)

- Tonto National Forest

*IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or  
LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*  
YES[] NO[] N/A[]

### **HABITAT DESCRIPTION:**

Transitional from mid elevation desert scrub to mesquite upland scrub

**ITEMIZED USE OF FUNDS:**

**Special Big Game License Tag Funds**

**\$55,000.00**

**\$35,000 to clean out five tanks (7,000 per tank)**

**\$20,000 to apply bentonite to five tanks (\$1.12 per square foot approx 18,000sq feet)**

**Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)**

**USFS \$2,000**

**AGFD \$1,000**

**Black Brush Ranch \$3,000 for labor**

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

**Special Big Game Funds:**

**Provide funding for bulldozer rental, operator and diesel fuel**

**Purchase bentonite**

**AGFD:**

**Provide in-kind contributions in the form of labor for contract administration, project origination, and project coordination**

**USFS:**

**Provide administrative support in the form of necessary clearances**

**Provide letter of approval for implementation of project**

**Black Brush Ranch:**

**Provide all necessary labor to support dozer operations, tank clean-out, repair and bentonite application**

**Payson Natural Resources Committee:**

**Review project**

**WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?**

YES[] NO[] N/A[X]

**PROJECT MONITORING PLAN:**

**The project proponent will ensure project completion with coordination between the AZGFD and the Black Brush Ranch.**

**This area will be surveyed by the AZGFD and will be monitored for wildlife use.**

**PROJECT MAINTENANCE:**

**Project will be continually maintained by the Black Brush Ranch.**

**PROJECT COMPLETION REPORT TO BE FILED BY:**

**The project proponent is responsible for completing the project completion report.**

## **ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET**

**PROJECT TITLE:** Schoolhouse Allotment Water Restoration, Dirt Tanks

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**  
No
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**  
Development personnel are not needed for the completion of this project
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**  
☐2-4   ☐4-6   ☐6-8   ☐8-10   ☐10-12   ☐12-14   ☒14-16   ☐ >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**  
  
YES☒ (please complete #5 below) NO☐ (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**  
Name of water source: Unnamed spring  
Type of water source (catchment, spring, dirt tank): Spring and other dirt tanks  
Ownership of water source: Tonto National Forest  
Distance in miles from project: 1.5
- 6) **Is the target wildlife species a result of transplant efforts?** YES☐ NO☒
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**
- 8) **Please provide the following information about access to the proposed site:**  
Type of access (mark one): ☐2x4 vehicles   ☒4x4 only   ☐foot only\*\*  
  
\*\*If foot access only: Distance in miles: \_\_\_\_\_ Approximate hiking time: \_\_\_\_\_  
  
-- Does access to this site require crossing private or tribal lands? YES☐ NO☒  
  
-- Please describe any restrictions to public access:
- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**
- 10) **Was a site visit completed?** Yes☒ No☐  
If Yes, please list personnel that attended and date.  
**Wildlife Manager, Kriselle Colvin 08/15/2015**

## **ARIZONA GAME AND FISH DEPARTMENT**

# **VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET**

**PROJECT TITLE:** Schoolhouse Allotment Water Restoration, Dirt Tanks

The value of volunteer labor should be calculated at the hourly rate of an employee doing similar work, or using hourly rates from the Arizona Department of Administration's Human Resource web site, plus a standard ERE rate of 35%. [http://www.hr.az.gov/HR\\_Professional/Class\\_Comp/PDF/alphacovered.pdf](http://www.hr.az.gov/HR_Professional/Class_Comp/PDF/alphacovered.pdf)

\$0.445/mile should be the calculation used for mileage.

| <b>Water Development</b>                | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|---|------------------------|------------------------|--------------------|------------------------|
|   | 200                    | 600                    | \$14.14            | 3000.00                |
| <b>Habitat Restoration and Clean Up</b> | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$14.14            |                        |
| <b>Fisheries</b>                        | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$14.14            |                        |
| <b>Nongame Branch Project</b>           | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$14.14            |                        |
| <b>Misc/office work</b>                 | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | varies             | 3000.00                |
| <b>Community Services</b>               | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$7.44             |                        |
| <b>Events and Other</b>                 | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$14.14            |                        |
| <b>Research Branch</b>                  | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$14.14            |                        |
| <b>Wildlife Area Hosts</b>              | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$17.44            |                        |
| <b>Education Programs</b>               | <b>Volunteer Hours</b> | <b>Volunteer Miles</b> | <b>Hourly Rate</b> | <b>Estimated Value</b> |
|   |                        |                        | \$16.07            |                        |
| <b>Totals</b>                           | <b>200</b>             | <b>600</b>             |                    | <b>6,000.00</b>        |





















